

Preliminary Amendment
Application No. 09/811,389
February 6, 2003

A pinion 302 fixed on a shaft of the actuator 300 is engaged with the gear 301. A spring 303 is provided between the rear face M6 of the mirror body 112 and the deck 111d of the mirror holder 111 for canceling backlash of the gear 301 and the pinion 302. The force of the spring 303 is to be underpowered than the magnetic resistance of the actuator 300 so as not to rotate the mirror body 112. The elements designated by the same numeral or symbol are substantially the same as those in FIG. 3. --

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IN THE CLAIMS

Please cancel claim 22 without prejudice or disclaimer of the subject matter therein.

Please substitute claims 1, 11, 21 and 23-24 for the pending claims with the same numbers respectively:

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-- 1. (Twice Amended) A laser beam scanner comprising:
a first laser light source for oscillating and emitting a red laser beam;
a second laser light source for oscillating and emitting a green laser beam;
a third laser light source for oscillating and emitting a blue laser beam;

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an optical scanning system for scanning the laser beams on a predetermined scanning plane coinciding with a surface of a photographic paper when being conveyed thereto; and

an optical path adjusting system for adjusting optical paths of the optical scanning system, including:

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a position sensor disposed on a plane optically conjugated with a plane corresponding to the photographic paper at the predetermined scanning plane, and

a first adjuster for adjusting an optical path of the first laser beam; and

a second adjuster for adjusting an optical path of the second laser beam, and

a third adjuster for adjusting an optical path of the third laser beam. --

-- 11. (Twice Amended) A photographic printer including a laser beam scanner, a conveyor for conveying a photographic paper to a predetermined scanning plane of the laser beam scanner and a developer for developing a latent image exposed on the photographic paper by the laser beam scanner; wherein the laser beam scanner comprising:

a first laser light source for oscillating and emitting a red laser beam;

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a second laser light source for oscillating and emitting a green laser beam;

a third laser light source for oscillating and emitting a blue laser beam;;

an optical scanning system for scanning the laser beams on the predetermined scanning plane coinciding with a surface of a photographic paper when being conveyed thereto; and

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an optical paths adjusting system for adjusting optical paths of the optical scanning system, including:

a position sensor disposed on a plane optically conjugated with a plane corresponding to the photographic paper at the predetermined scanning plane, and

a first adjuster for adjusting an optical path of the first laser beam; and

a second adjuster for adjusting an optical path of the second laser beam, and

a third adjuster for adjusting an optical path of the third laser beam. --

-- 21. (Amended) A laser beam scanner comprising:

a first laser light source for oscillating and emitting a red laser beam;

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a second laser light source for oscillating and emitting a green laser beam;

a third laser light source for oscillating and emitting a blue laser beam;

an optical scanning system for scanning the laser beams on a predetermined scanning plane coinciding with a surface of a photographic paper when being conveyed thereto; and

an optical path adjusting system for adjusting optical paths of the optical scanning system, including:

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a position sensor disposed on a plane optically conjugated with a plane corresponding to the photographic paper at the predetermined scanning plane, and

a first adjuster for adjusting an optical path of the first laser beam and a second adjuster for adjusting an optical path of the second laser beam and a third adjuster for adjusting an optical path of the third laser beam, wherein said first adjuster is a mirror provided in the optical scanning system and rotatable around two different axes for adjusting a reflection angle of the first laser beam and said second adjuster is a mirror provided in the optical scanning system and rotatable around two different axes for adjusting a reflection angle of the second laser beam and said third adjuster is a mirror provided in the

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optical scanning system and rotatable around two different
axes for adjusting a reflection angle of the third laser
beam. - -

-- 23. (Amended) A laser beam scanner comprising:
a first laser light source for oscillating and emitting a
red laser beam;
a second laser light source for oscillating and emitting a
green laser beam;
a third laser light source for oscillating and emitting a
blue laser beam;
an optical scanning system for scanning the laser beams on a
predetermined scanning plane coinciding with a surface of a
photographic paper when being conveyed thereto; and
an optical path adjusting system for adjusting optical paths
of the optical scanning system, including:
a position sensor disposed on a plane optically
conjugated with a plane corresponding to the photographic
paper at the predetermined scanning plane, and
a first adjuster for adjusting an optical path of the
first laser beam; and
a second adjuster for adjusting an optical path of the
second laser beam; and

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a third adjuster for adjusting an optical path of the third laser beam, and

a monitor display for displaying images corresponding to the relative positions of the first laser beam and the second laser beam on the position sensor and said monitor display is detachable from the optical path system.

24. (Amended) A laser beam scanner comprising:

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a first laser light source for oscillating and emitting a red laser beam;

a second laser light source for oscillating and emitting a green laser beam;

a third laser light source for oscillating and emitting a blue laser beam;

an optical scanning system for scanning the laser beams on a predetermined scanning plane coinciding with a surface of a photographic paper when being conveyed thereto; and

an optical path adjusting system for adjusting optical paths of the optical scanning system, including:

a position sensor disposed on a plane optically conjugated with a plane corresponding to the photographic paper at the predetermined scanning plane, and

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a first adjuster for adjusting an optical path of the first laser beam; and

a second adjuster for adjusting an optical path of the second laser beam; and

a third adjuster for adjusting an optical path of the third laser beam, and

a monitor display for displaying images corresponding to the relative positions of the first laser beam and the second laser beam on the position sensor. --

Please add the following new claim 25 as follows:

-- 25. (New) A laser beam scanner comprising:

a first laser light source for oscillating and emitting a red laser beam;

a second laser light source for oscillating and emitting a green laser beam;

a third laser light source for oscillating and emitting a blue laser beam;

an optical scanning system for scanning the laser beams on a predetermined scanning plane coinciding with a surface of a photographic paper when being conveyed thereto; and

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an optical path adjusting system for adjusting optical paths of the optical scanning system, including:

a position sensor disposed on a plane optically conjugated with a plane corresponding to the photographic paper at the predetermined scanning plane;

a first adjuster for adjusting an optical path of the first laser beam;

a second adjuster for adjusting an optical path of the second laser beam; and

a third adjuster for adjusting an optical path of the third laser beam, whereby all the positions of the laser beams can be adjusted to overlap at a certain point on the predetermined scanning plane. --

REMARKS

By this amendment, claim 22 has been cancelled, claims 1, 11, 21 and 23-24 have been amended and new claim 25 has been added to the application. Currently, claims 1-21 and 23-25 are pending in the application.

The specification has been amended because "10G" on page 6, line 16 and page 8, line 8 should be "104G". Also, "the reflection" on page 8, line 15 has been amended to recite "a